# UNITED STATES PATENT AND TRADEMARK OFFICE

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 09/895,046 · | 06/29/2001 | Peter O. Vale | 60001.51USU1 | 9307 |

| | | |
|---|---|---|
| 27488      7590      10/03/2005 | EXAMINER | |
| MICROSOFT CORPORATION | LESNIEWSKI, VICTOR D | |
| C/O MERCHANT & GOULD, L.L.C. | | |
| P.O. BOX 2903 | ART UNIT | PAPER NUMBER |
| MINNEAPOLIS, MN  55402-0903 | 2152 | |

DATE MAILED: 10/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1)☒ Responsive to communication(s) filed on *18 July 2005*.

2a)☐ This action is **FINAL**.    2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4)☒ Claim(s) *1-15 and 18-20* is/are pending in the application.

　4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-15 and 18-20* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

**Application Papers**

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

　Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

　Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

　a)☐ All  b)☐ Some * c)☐ None of:

　　1.☐ Certified copies of the priority documents have been received.

　　2.☐ Certified copies of the priority documents have been received in Application No. _____.

　　3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

　* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
　　Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
　　Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

## DETAILED ACTION

1.      The amendment filed 5/12/2005 has been placed of record in the file.

2.      Claim 1 has been amended.

3.      Claims 16, 17, and 21 have been canceled.

4.      Claims 1-15 and 18-20 are now pending.

5.      The applicant's arguments with respect to claims 1-15 and 18-20 have been considered

but are moot in view of the following new grounds of rejection.


### *Continued Examination Under 37 CFR 1.114*

6.      A request for continued examination under 37 CFR 1.114, including the fee set forth in

37 CFR 1.17(e), was filed in this application after final rejection.  Since this application is

eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e)

has been timely paid, the finality of the previous office action has been withdrawn pursuant to 37

CFR 1.114.  The applicant's submission filed on 7/18/2005 has been entered.


### *Claim Rejections - 35 USC § 103*

7.      The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains.  Patentability shall not be negatived by the
> manner in which the invention was made.

8.     Claims 1-15 and 18-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Dickelman (U.S. Patent Number 6,529,187) in view of Will (U.S. Patent Number 6,392,640),

further in view of Schneider (U.S. Patent Number 6,338,082).

9.     Dickelman disclosed a system for navigating the Internet from a keypad equipped

wireless phone. In an analogous art, Will disclosed an interface for keypad entry on a handheld

wireless web access device such as a mobile phone. Also in an analogous art, Schneider

disclosed information concerning various improvements in user navigation of the Internet and

URL recognition.

10.    Concerning claims 1 and 15, Dickelman did not explicitly state detailed use of a selection

list for displaying various entries. Although Dickelman does display the current entry on the

screen he is not specific about a selection list. However, Will's user interface clearly shows a

separate column for a selection list. It would have been obvious to one of ordinary skill in the art

at the time of the applicant's invention to modify the system of Dickelman by adding the ability

to display addresses as entries in a selection list as provided by Will. Here the combination

satisfies the need for greater ease in connecting a mobile phone to the Internet. See Dickelman,

column 3, lines 6-9. This rationale also applies to those dependent claims utilizing the same

combination.

11.    Concerning claims 5 and 15, Dickelman did not explicitly state searching a history folder

to find matches to the entered characters. However, Will does explicitly disclose this function as

his system allows for a memory quick search with real time display. It would have been obvious

to one of ordinary skill in the art at the time of the applicant's invention to modify the system of

Dickelman by adding the ability to search a history folder to find matches to the entered

characters as provided by Will. Again the combination satisfies the need for greater ease in

connecting a mobile phone to the Internet. See Dickelman, column 3, lines 6-9.

12.     Further concerning claims 1 and 15, the combination of Dickelman and Will did not

explicitly state determining whether the at least one character of text includes a period.

However, Schneider does explicitly disclose this feature as he discusses using a browser's

location field which can make a determination on whether or not the character string in the field

contains a period. It would have been obvious to one of ordinary skill in the art at the time of the

applicant's invention to modify the combination of Dickelman and Will by adding the ability to

determine whether the at least one character of text includes a period as provided by Schneider.

Here the combination satisfies the need for greater ease in connecting a mobile phone to the

Internet. See Dickelman, column 3, lines 6-9.

13.     Further concerning claim 15, the combination of Dickelman, Will, and Schneider did not

explicitly state not adding a prefix and suffix and not displaying a combined address. Although,

the combination is not specific in this regard, Schneider does present a determination of whether

or not a period exists in the character string and then certain processing based on the

determination. Furthermore, Schneider states that the presence of a period as a delimiter is used

to imply a domain name. Thus, it would have been obvious to one of ordinary skill in the art at

the time of the applicant's invention to not add a prefix and suffix and not display the combined

address. It would be a clear extension from the combination of Dickelman, Will, and Schneider

that if a period exists in the string, there would be no need to add a prefix or suffix because they

would already exist in the string. Further it would be clear to one of ordinary skill not to display

the combined address since the combination does disclose displaying the combined address when

a period is not present in the string and the prefix and suffix are first added.

14.      Thereby, the combination of Dickelman, Will, and Schneider discloses:

- <Claim 1>

  A computer-implemented method for entering an address into a web browser of a mobile

  device, comprising the steps of: receiving at least one character of text (Dickelman,

  column 4, lines 26-47); determining whether the at least one character of text includes a

  period (Schneider, column 6, lines 14-20); and if not, then displaying a list in the web

  browser with a list item wherein the list item comprises the at least one character of text

  with an automatic prefix added before the at least one character of text and an automatic

  suffix added after the at least one character of text (Dickelman, column 4, lines 45-47 and

  Will, column 6, lines 26-29).

- <Claim 2>

  The method of claim 1 wherein the automatic prefix is "www." (Dickelman, column 4,

  lines 45-47).

- <Claim 3>

  The method of claim 2 wherein the automatic suffix is ".com" (Dickelman, column 4,

  lines 45-47).

- <Claim 4>

  The method of claim 1 wherein the mobile device is a wireless telephone (Dickelman,

  column 3, lines 13-16).

- <Claim 5>

  The method of claim 1 further comprising the steps of: determining whether the at least

  one character of text matches any previous addresses entered into the web browser (Will,

  column 6, lines 54-58 and column 7, lines 11-13); and if so, then displaying the possible

  matches as list items in the list (Will, column 6, lines 26-29).

- <Claim 6>

  The method of claim 5 wherein the step of determining whether the at least one character

  of text matches any previous addresses entered into the web browser comprises searching

  the addresses of any previously viewed URLs in the browser's history, cache, or recently

  entered addresses for potential matches (Will, column 6, lines 54-58 and column 13, lines

  54-67).

- <Claim 7>

  The method of claim 5 further comprising the steps of: determining whether the user is

  ready to navigate to the URL defined by the at least one character of text (Dickelman,

  column 4, lines 55-64); and if so, then navigating the web browser to display a page

  defined by the at least one character of text (Dickelman, column 4, lines 55-64).

- <Claim 8>

  The method of claim 7 wherein the at least one character of text is displayed in an

  address field (Dickelman, column 4, lines 45-54).

- <Claim 9>

  The method of claim 7 further comprising the steps of: determining whether one of the

  list items in the list has been selected by the user (Will, column 7, lines 2-3); and if so,

then navigating the web browser to display a page located at an address defined by the

selected list item (Dickelman, column 4, lines 55-64).

- <Claim 10>

The method of claim 9 further comprising the steps of: if one of the list items in the list

has not been selected by the user, then receiving another character of text (Will, column

7, lines 17-20).

- <Claim 11>

The method of claim 1 wherein the at least one character of text is received in response to

a user selecting keys on a keypad of a wireless telephone (Dickelman, column 3, lines 13-

16 and column 4, lines 26-47).

- <Claim 12>

The method of claim 1 wherein the automatic prefix and the automatic suffix may be

modified to a desired prefix and a desired suffix (Dickelman, column 5, lines 62-65).

- <Claim 13>

The method of claim 12 wherein the automatic prefix and automatic suffix are modified

by receiving input from a user requesting that the automatic prefix be set to a first string

and that the automatic suffix be set to a second string (Dickelman, column 5, lines 62-

65).

- <Claim 14>

The method of claim 13 wherein the automatic prefix and the automatic suffix are stored

in a registry (Dickelman, column 4, lines 45-47).

- <Claim 15>

  A computer-implemented method for text entry in an electronic device, the method

  comprising: receiving at least one character of text (Dickelman, column 4, lines 26-47);

  and determining whether the at least one character of text includes a period (Schneider,

  column 6, lines 14-20) and, if not, then adding a prefix and a suffix to the at least one

  character of text to form a combined address (Dickelman, column 4, lines 45-47) and

  displaying the combined address as an entry in a selection list (Will, column 6, lines 26-

  29); if the at least one character of text includes a period, then not adding a prefix and a

  suffix to the at least one character of text to form a combined address and not displaying

  the combined address as an entry in the selection list (Schneider, column 6, lines 26-33

  and obviousness); searching a history folder in the electronic device to find at least one

  address with the at least one character of text (Will, column 6, lines 54-58 and column 7,

  lines 11-13); displaying the at least one address in the selection list (Will, column 6, lines

  26-29); and receiving an input selecting the at least one address and navigating a web

  browser program module to view a web page located at the at least one address

  (Dickelman, column 4, lines 55-64).

- <Claim 18>

  The method of claim 15 wherein the selection list is a selection list in a web browser

  program module and the combined address and the plurality of addresses comprise URLs

  for Internet addresses (Dickelman, column 4, lines 55-64 and Will, column 6, lines 26-

  29).

- <Claim 19>

  The method of claim 18 further comprising the steps of: receiving an input selecting the

  at least one character of text and navigating the web browser program module to view a

  web page located at an address defined by the at least one character of text (Dickelman,

  column 4, lines 55-64).

- <Claim 20>

  The method of claim 18 further comprising the steps of: receiving an input selecting the

  combined address and navigating the web browser program module to view a web page

  located at the combined address (Dickelman, column 4, lines 55-64).

Since the combination of Dickelman, Will, and Schneider discloses all of the above limitations,

claims 1-15 and 18-20 are rejected.

### *Conclusion*

15.     The prior art made of record and not relied upon is considered pertinent to the applicant's

disclosure.

- Kyne et al. (U.S. Patent Number 6,615,237) disclosed a system that reads a text string

  from an address entry location of a web browser and determines whether the text string

  identifies a web page.

16.     Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Victor Lesniewski whose telephone number is 571-272-3987.

The examiner can normally be reached on Monday through Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Glenton Burgess can be reached on 571-272-3949. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Victor Lesniewski
Patent Examiner
Group Art Unit 2152

Dung C. Dinh
Primary Examiner